

PROFORMA FOR SUBMISSION OF PROPOSAL FOR RELEASE AND NOTIFICATION OF FLOWERS CROPS AND ORNAMENTALS TO THE CENTRAL SUB-COMMITTEE ON CROP STANDARDS, NOTIFICATION AND RELEASE OF VARIETIES FOR HORTICULTURAL CROPS (CENTRAL VARIETIES).

1.	Name of the crop with scientific name	
2.	Code designation under which tested	
3.	Proposed name of the variety/hybrid.	
4.	Sponsoring Institution	
5.	(a) Institution or agency responsible for development for the variety with complete address. (b) Name of the persons responsible for development of the variety.	
6.	(a) Breeding method (introduction, selection hybridization etc. (b) Source material in case of introduction/selection. (c) Percentage with details of its pedigree for hybrids only.	
7.	State the name of varieties along with description of the trials for each variety which closely resembles the proposed variety based on morphology.	
8.	(a) Whether recommended by AICRP Group meeting/workshops. (b) If so, State recommendation of the group meeting in brief with specific justification of release. (c) Recommended ecology (i.e. suitable for out door/indoor/pot culture/controlled conditions or other culture.	

9.	<p>Description of parents in case of hybrids.</p> <p>a) Distinguishing morphological characters.</p> <p>i) Plant height (cm) (average with range)</p> <p>ii) Foliage (Specific colour with range of shades, Pubescence, Thom Characteristics).</p> <p>iii) Flower (specific colour with range shades and other sharply identifiable characters).</p> <p>iv) Seed shape & colour (for seed propagated material).</p> <p>v) Shape, thickness & size of vegetatively propagated material along with other identifiable morphological characters.</p> <p>b) Maturity in number of days (seed to seed for annuals only).</p> <p><u>Seed propagated varieties</u></p> <p>c) - Age at first flowering - Days to 50% if of flowering. - Days from flowering to harvest.</p> <p>d) Maturity Group (early, medium or wherever such classification exists).</p> <p>e) Reaction to major diseases under field and controlled conditions.</p> <p>f) Reaction major pests (under field and controlled conditions including storage pests).</p> <p>g) Reaction to abiotic stresses (specify critical stage when stress is more pronounced).</p> <p>h) Agronomic features, resistance/susceptibility. Fertilizers responsiveness, seed rate etc.</p>	Female	Male
----	---	--------	------

10.	<p>Description of variety/hybrid (please see Table 1 for crop specific descriptors)</p> <p>a) Plant height (cm).</p> <p>b) Foliage (specific colour with range of shades and other sharply identifiable characters).</p> <p>c) Seed shape & colour with for seed propagated material.</p> <p>d) Shape, thickness & size of vegetatively propagated material along with other identifiable morphological characters.</p> <p>e) Annuals (seed to seed).</p> <ul style="list-style-type: none"> - Days at first flowering. - Days to 50% flowering. - Days from flowering to harvest. - Stage of harvest. <p>f) Perennial (Vegetatively propagated).</p> <ul style="list-style-type: none"> - Age of maturity at which planting stake/ tuber/ bulbs/ rhizome/corm etc. could be used for propagation with morphological identification. - Kind of rootstock to be used for vegetative propagation. <p>g) Reaction to major disease under field and controlled conditions.</p> <p>h) Reaction to major pests (under field and controlled conditions including storage pests).</p> <p>i) Reaction to abiotic stresses (specify critical stage when stress is more pronounced).</p> <p>j) Agronomic features resistance/susceptibility to lodging and shattering, fertilizer responsiveness, seed rate etc.</p>	
-----	---	--

11.	Comparative yield data in AICFIP trials/on-farm trials center-wise and year-wise agronomic/breeding/plant pathology/entomology and physiology.	
12.	Purpose for which recommended (specify the purpose and situation).	
13.	a) Agency responsible for producing breeder seed (stock/parental line). b) Quality of breeder seed sufficient to plant ¼-2 ha in stock with source of availability.	
14.	Specific recommendations for seed production/nursery maintenance.	
15.	Any other pertinent information not covered above. Use separate sheet if space is not sufficient.	

Signature of Head of Institution